

SEQUENCE LISTING

<110> David J KYLE
<110> Arun K DHAR

<120> RNA-Mediated Interference to Control Disease in Terrestrial and
Aquaculture Animals

<130> E1975-00043

<140> IN: Not Yet Assigned
<141> 2006-09-06

<150> US 60/542,391
<151> 2004-04-06

<150> PCT US05/003715
<151> 2004-02-04

<160> 120

<170> PatentIn version 3.3

<210> 1
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against WSSV VP28 gene

<400> 1
gguuggauca ggcuacuuct t

21

<210> 2
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against WSSV VP28 gene

<400> 2
gaaguagccu gauccaacct c

21

<210> 3
<211> 65
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 3
gatccggttg gatcaggcta cttcttcaag agagaagtag cctgatccaa ccttttttt

60

ggaaa	65
<210> 4	
<211> 65	
<212> DNA	
<213> Artificial	
<220>	
<223> Bottom strand oligonucleotide template for siRNA	
<400> 4	
agcttttcca aaaaagaggt tggatcaggc tacttctctc ttgaagaagt agcctgatcc	60
aaccg	65
<210> 5	
<211> 21	
<212> DNA	
<213> Artificial	
<220>	
<223> Sense siRNA strand against WSSV VP28 gene	
<400> 5	
ggcuacuuca agaugacugt t	21
<210> 6	
<211> 21	
<212> DNA	
<213> Artificial	
<220>	
<223> Antisense siRNA strand against WSSV VP28 gene	
<400> 6	
cagucaucuu gaaguagcct g	21
<210> 7	
<211> 65	
<212> DNA	
<213> Artificial	
<220>	
<223> Top strand oligonucleotide template for siRNA	
<400> 7	
gatccggcta cttcaagatg actgttcaag agacagtcat cttgaagttag cctgttttt	60
ggaaa	65
<210> 8	

```

<211> 65
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 8
agctttcca aaaaacaggc tacttcaaga tgactgtctc ttgaacagtc atcttgaagt 60
agccg 65

<210> 9
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against WSSV VP28 gene

<400> 9
gguguggaac aacacaucat t 21

<210> 10
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against WSSV VP28 gene

<400> 10
ugauguguug uuccacacacct t 21

<210> 11
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 11
gatccgggtgt ggaacaacac atcattcaag agatgatgtg ttgttccaca cctttttgg 60
aaa 63

<210> 12
<211> 63
<212> DNA
<213> Artificial

<220>

```

<223> Bottom strand oligonucleotide template for siRNA

<400> 12
agctttcca aaaaagggtgt ggaacaacac atcatctctt gaatgatgtg ttgttccaca 60
ccg 63

<210> 13
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against WSSV VP26 gene

<400> 13
ggccaaaggua aaugucaaaut t 21

<210> 14
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against WSSV VP26 gene

<400> 14
auugacauua ccuuugccct t 21

<210> 15
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 15
gatccgggca aaggtaatgt caatttcaag agaattgaca ttaccttgc cctttttgg 60
aaa 63

<210> 16
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 16
agctttcca aaaaagggc aaggtaatgt caattctttt gaaattgaca ttaccttgc 60

<210> 17
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against WSSV VP26 gene

<400> 17
gguccuacaa uacuccucut t 21

<210> 18
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against WSSV VP26 gene

<400> 18
agaggaguau uguaggacct c 21

<210> 19
<211> 65
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 19
gatccgggcc tacaataactc ctctttcaag agaagaggag tattgttagga cctctttttt 60

ggaaa 65

<210> 20
<211> 65
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 20
agcttttcca aaaaagaggt cctacaataac tcctcttctc ttgaaagagg agtattgtag 60

gaccg 65

<210> 21
<211> 21

<212> DNA		
<213> Artificial		
<220>		
<223> Sense siRNA strand against WSSV VP26 gene		
<400> 21		21
ggaaacauua agggaaauat t		
<210> 22		
<211> 21		
<212> DNA		
<213> Artificial		
<220>		
<223> Antisense siRNA strand against WSSV VP26 gene		
<400> 22		21
uauuuuccuu aauguuucct g		
<210> 23		
<211> 64		
<212> DNA		
<213> Artificial		
<220>		
<223> Top strand oligonucleotide template for siRNA		
<400> 23		60
gatccgaaac attaaggaa atattcaaga gatattccc ttaatgttgc ctgtttttg		
gaaa		64
<210> 24		
<211> 62		
<212> DNA		
<213> Artificial		
<220>		
<223> Bottom strand oligonucleotide template for siRNA		
<400> 24		60
agctttcca aaaaagaaac attaaggaa atatctttg aatattccc ttaatgttgc		
cg		62
<210> 25		
<211> 21		
<212> DNA		
<213> Artificial		
<220>		
<223> Sense siRNA strand against WSSV ProIn gene		

<400> 25	21
gggaagaauu cuacaagaat t	
<210> 26	
<211> 21	
<212> DNA	
<213> Artificial	
<220>	
<223> Antisense siRNA strand against WSSV ProIn gene	
<400> 26	21
uucuuguaga auucuuccct g	
<210> 27	
<211> 65	
<212> DNA	
<213> Artificial	
<220>	
<223> Top strand oligonucleotide template for siRNA	
<400> 27	60
gatccgggaa gaattctaca agaattcaag agattcttgtt agaattcttc cctgtttttt	
ggaaa	65
<210> 28	
<211> 65	
<212> DNA	
<213> Artificial	
<220>	
<223> Bottom strand oligonucleotide template for siRNA	
<400> 28	60
agcttttcca aaaaacaggg aagaattctta caagaatctc ttgaattctt gtagaattct	
tcccg	65
<210> 29	
<211> 21	
<212> DNA	
<213> Artificial	
<220>	
<223> Sense siRNA strand against WSSV ProIn gene	
<400> 29	21
gggaccuuu caugaaacat t	

```

<210> 30
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against WSSV ProIn gene

<400> 30
uguuucauga aaggguccct t 21

<210> 31
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 31
gatccgggac ctttcatga aacattcaag agatgttca tgaaagggtc cttttttgg 60

aaa 63

<210> 32
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 32
agcttttcca aaaaaggac ctttcatga aacatctttt gaatgttca tgaaagggtc 60

ccg 63

<210> 33
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against WSSV ProIn gene

<400> 33
ggcauacaga ugccccuuat t 21

<210> 34
<211> 21
<212> DNA
<213> Artificial

```

<220>
 <223> Antisense siRNA strand against WSSV ProIn gene
 <400> 34
 uaaaggcau cuguaugcct t 21

<210> 35
 <211> 63
 <212> DNA
 <213> Artificial

<220>
 <223> Top strand oligonucleotide template for siRNA
 <400> 35
 gatccggcat acagatgccc tttattcaag agataaaggg catctgtatg cctttttgg 60

aaa 63

<210> 36
 <211> 63
 <212> DNA
 <213> Artificial

<220>
 <223> Bottom strand oligonucleotide template for siRNA
 <400> 36
 agctttcca aaaaaggcat acagatgccc tttatctctt gaataaaggg catctgtatg 60

ccg 63

<210> 37
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> Sense siRNA strand against WSSV Rr092 gene
 <400> 37
 ggaagauuca ucuguucgat t 21

<210> 38
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> Antisense siRNA strand against WSSV Rr092 gene
 <400> 38
 ucgaacagau gaaucuucct g 21

```

<210> 39
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 39
gatccgaaga ttcatctgtt cgattcaaga gatcgaacag atgaatcttc ctgttttgg 60
aaa 63

<210> 40
<211> 65
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 40
agctttcca aaaaacagga agattcatct gttcgatctc ttgaatcgaa cagatgaatc 60
ttccg 65

<210> 41
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against WSSV Rr092 gene

<400> 41
ggacaugauu augcgugugt t 21

<210> 42
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against WSSV Rr092 gene

<400> 42
cacacgcaua aucaugucct g 21

<210> 43
<211> 65
<212> DNA

```

```

<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 43
gatccggaca tgattatgcg tgtgttcaag agacacacgc ataatcatgt cctgttttt 60
ggaaa 65

<210> 44
<211> 65
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 44
agcttttcca aaaaacagga catgattatg cgtgtgtctc ttgaacacac gcataatcat 60
gtccg 65

<210> 45
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against WSSV Rr092 gene

<400> 45
ggauaccauc aauagaaaagt t 21

<210> 46
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against WSSV Rr092 gene

<400> 46
cuuucuaauug augguaucct t 21

<210> 47
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

```

<400> 47		
gatccggata ccatcaatag aaagttcaag agactttcta ttgatggat cctttttgg		60
aaa		63
<210> 48		
<211> 63		
<212> DNA		
<213> Artificial		
<220>		
<223> Bottom strand oligonucleotide template for siRNA		
<400> 48		
agcttttcca aaaaaggata ccatcaatag aaagtctctt gaactttcta ttgatggat		60
ccg		63
<210> 49		
<211> 21		
<212> DNA		
<213> Artificial		
<220>		
<223> Sense siRNA strand against WSSV DNAPol gene		
<400> 49		
ggaagugguc aucuacgact t		21
<210> 50		
<211> 21		
<212> DNA		
<213> Artificial		
<220>		
<223> Antisense siRNA strand against WSSV DNAPol gene		
<400> 50		
gucguagaaug accacuuucct t		21
<210> 51		
<211> 63		
<212> DNA		
<213> Artificial		
<220>		
<223> Top strand oligonucleotide template for siRNA		
<400> 51		
gatccggaaag tggtcatcta cgacttcaag agagtcgtag atgaccactt cctttttgg		60
aaa		63

```

<210> 52
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 52
agcttttcca aaaaaggaag tggtcatcta cgactctttt gaagtcgttag atgaccactt 60
ccg 63

<210> 53
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against WSSV DNAPol gene

<400> 53
ggaagaacau gaaacuguct t 21

<210> 54
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against WSSV DNAPol gene

<400> 54
gacaguuuca uguucuucct t 21

<210> 55
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 55
gatccggaag aacatgaaac tgtcttcaag agagacagtt tcatgttctt cctttttgg 60
aaa 63

<210> 56
<211> 63
<212> DNA
<213> Artificial

```



```

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 56
agctttcca aaaaaggaag aacatgaaac tgtctctttt gaagacagtt tcatgttctt 60
ccg 63

<210> 57
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against WSSV DNAPol gene

<400> 57
ggagcauugu cauuuaauat t 21

<210> 58
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against WSSV DNAPol gene

<400> 58
uauuuaauauga caaugcucct c 21

<210> 59
<211> 65
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

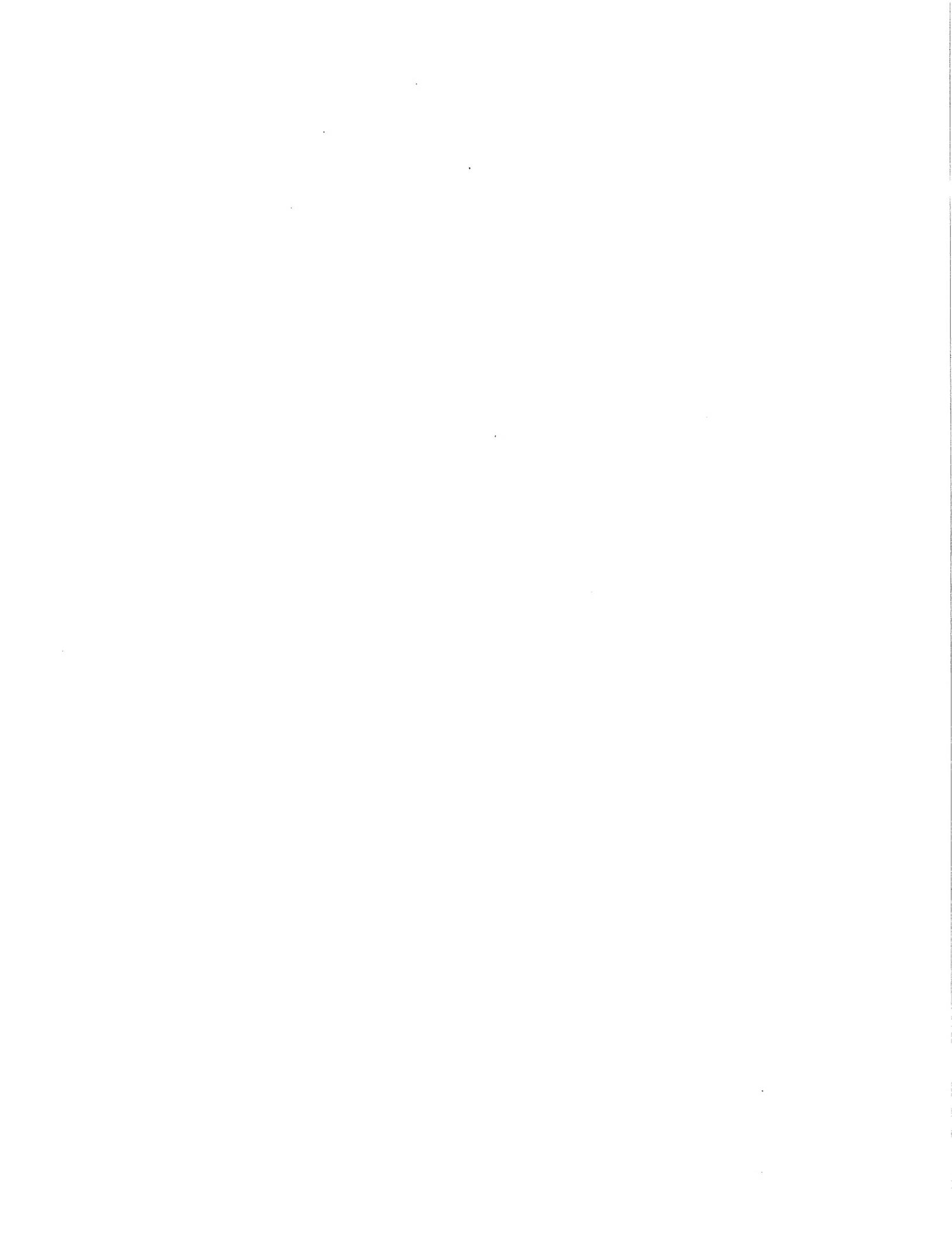
<400> 59
gatccggagc attgtcattt aatattcaag agatattaaa tgacaatgct cctctttttt 60
ggaaa 65

<210> 60
<211> 65
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 60

```



agctttcca aaaaagagga gcattgtcat ttaatatctc ttgaatatta aatgacaatg	60
ctccg	65
<210> 61	
<211> 21	
<212> DNA	
<213> Artificial	
<220>	
<223> Sense siRNA strand against Taura syndrome virus RdRp gene	
<400> 61	
ggagugucua augcggagat t	21
<210> 62	
<211> 21	
<212> DNA	
<213> Artificial	
<220>	
<223> Antisense siRNA strand against Taura syndrome virus RdRp gene	
<400> 62	
ucuccgcauu agacacucct g	21
<210> 63	
<211> 65	
<212> DNA	
<213> Artificial	
<220>	
<223> Top strand oligonucleotide template for siRNA	
<400> 63	
gatccggagt gtctaatgcg gagattcaag agatctccgc attagacact cctgttttt	60
ggaaa	65
<210> 64	
<211> 65	
<212> DNA	
<213> Artificial	
<220>	
<223> Bottom strand oligonucleotide template for siRNA	
<400> 64	
agctttcca aaaaacagga gtgtctaatg cggagatctc ttgaatctcc gcattagaca	60
ctccg	65

```

<210> 65
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against Taura syndrome virus RdRp gene

<400> 65
ggaaagagcg gaaagcagat t 21

<210> 66
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against Taura syndrome virus RdRp gene

<400> 66
ucugcuuucc gcucuuccct t 21

<210> 67
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 67
gatccggaa gagcggaaag cagattcaag agatctgctt tccgctcttc cctttttgg 60
aaa 63

<210> 68
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 68
agctttcca aaaaaggaa gagcggaaag cagatctctt gaatctgctt tccgctcttc 60
ccg 63

<210> 69
<211> 21
<212> DNA
<213> Artificial

```



<220>
 <223> Sense siRNA strand against Taura syndrome virus RdRp gene
 <400> 69
 ggaauucauu guugacaact t 21

<210> 70
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> Antisense siRNA strand against Taura syndrome virus RdRp gene
 <400> 70
 guugucaaca augaauucct c 21

<210> 71
 <211> 65
 <212> DNA
 <213> Artificial

<220>
 <223> Top strand oligonucleotide template for siRNA
 <400> 71
 gatccggaat tcattgttga caacttcaag agagttgtca acaatgaatt cctttttt 60
 gaaaa 65

<210> 72
 <211> 65
 <212> DNA
 <213> Artificial

<220>
 <223> Bottom strand oligonucleotide template for siRNA
 <400> 72
 agctttcca aaaaagagga attcattgtt gacaactctc ttgaagttgt caacaatgaa 60
 ttccg 65

<210> 73
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> Sense siRNA strand against Taura syndrome virus vp1 gene
 <400> 73
 ggauuggaau agauggucuat t 21

<210> 74
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against Taura syndrome virus vpl gene

<400> 74
uagacaucuc auccaaucct t 21

<210> 75
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 75
gatccggatt ggatgagatg tctattcaag agatagacat ctcatccat cctttttgg 60

aaa 63

<210> 76
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 76
agcttttcca aaaaaggatt ggatgagatg tctatctctt gaatagacat ctcatccat 60

ccg 63

<210> 77
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against Taura syndrome virus vpl gene

<400> 77
gguacgcuug cuaaaggagt t 21

<210> 78
<211> 21
<212> DNA

```

<213> Artificial

<220>
<223> Antisense siRNA strand against Taura syndrome virus vp1 gene

<400> 78
cugcUUuAGC aAGCguACCT g 21

<210> 79
<211> 65
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 79
gatccggtaC gcttgctaaa gcagttcaag agactgcttt agcaagcgta cctgttttt 60
ggaaa 65

<210> 80
<211> 65
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 80
agcttttcca aaaaacaggt acgcttgcta aagcagtctc ttgaactgct ttagcaagcg 60
tacCG 65

<210> 81
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against Taura syndrome virus vp1 gene

<400> 81
ggauacgaag gugucuuugt t 21

<210> 82
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against Taura syndrome virus vp1 gene

```

<400> 82	21
caaagacacc uucguauccct g	
<210> 83	
<211> 65	
<212> DNA	
<213> Artificial	
<220>	
<223> Top strand oligonucleotide template for siRNA	
<400> 83	
gatccggata cgaagggtgtc tttgttcaag agacaaaagac accttcgtat cctgtttttt	60
ggaaa	65
<210> 84	
<211> 65	
<212> DNA	
<213> Artificial	
<220>	
<223> Bottom strand oligonucleotide template for siRNA	
<400> 84	
agcttttcca aaaaacagga tacgaagggtg tctttgtctc ttgaacaaaag acacacccgt	60
atccg	65
<210> 85	
<211> 21	
<212> DNA	
<213> Artificial	
<220>	
<223> Sense siRNA strand against YHV YHVgp gene	
<400> 85	
ggcucgcaua ucauuuuauat t	21
<210> 86	
<211> 21	
<212> DNA	
<213> Artificial	
<220>	
<223> Antisense siRNA strand against YHV YHVgp gene	
<400> 86	
uauaaaaugau augcgagcct g	21
<210> 87	

```

<211> 65
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 87
gatccggctc gcataatcatt tatattcaag agatataaaat gatatgcgag cctgtttttt 60
ggaaa 65

<210> 88
<211> 65
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 88
agcttttcca aaaaacaggc tcgcataatca tttatatctc ttgaatataaa atgatatgcg 60
agccg 65

<210> 89
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against YHV YHVgp gene

<400> 89
ggauauccuc ccgccaacat t 21

<210> 90
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against YHV YHVgp gene

<400> 90
uguuggcggg aggauaucct t 21

<210> 91
<211> 63
<212> DNA
<213> Artificial

<220>

```

<223> Top strand oligonucleotide template for siRNA
 <400> 91
 gatccggata tcctcccgcc aacattcaag agatgttggc gggaggatat cctttttgg 60
 aaa 63

<210> 92
 <211> 63
 <212> DNA
 <213> Artificial

<220>
 <223> Bottom strand oligonucleotide template for siRNA
 <400> 92
 agcttttcca aaaaaggata tcctcccgcc aacatctctt gaatgttggc gggaggatat 60
 ccg 63

<210> 93
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> Sense siRNA strand against YHV YHVgp gene
 <400> 93
 ggucuuuguu augaaguagt t 21

<210> 94
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> Antisense siRNA strand against YHV YHVgp gene
 <400> 94
 cuacuucaua acaaagacct t 21

<210> 95
 <211> 63
 <212> DNA
 <213> Artificial

<220>
 <223> Top strand oligonucleotide template for siRNA
 <400> 95
 gatccggatc ttgttatgaa gtagttcaag agactacttc ataacaaaga cctttttgg 60

<210> 96
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 96
agctttcca aaaaaggctt ttgttatgaa gtagtctttt gaactacttc ataacaaaga 60
ccg 63

<210> 97
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against IHHNV orf1 gene

<400> 97
ggacauacug cauacacgut t 21

<210> 98
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against IHHNV orf1 gene

<400> 98
acguguaugc aguaugucct t 21

<210> 99
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 99
gatccggaca tactgcatac acgtttcaag agaacgtgta tgcagttatgtt cctttttgg 60

aaa 63

<210> 100
<211> 63

```

<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 100
agcttttcca aaaaaggaca tactgcatac acgttctctt gaaacgtgta tgcagtatgt      60
ccg                                         63

<210> 101
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against IHHNV orf1 gene

<400> 101
gguccaaauc aagaccuau t                                         21

<210> 102
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against IHHNV orf1 gene

<400> 102
uagggucuug auuuggacct g                                         21

<210> 103
<211> 65
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 103
gatccgggtcc aaatcaagac cctattcaag agatagggtc ttgatttggaa cctgtttttt      60
ggaaa                                         65

<210> 104
<211> 65
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

```

<400> 104		
agctttcca aaaaacaggt ccaaatacg accctatctc ttgaataggg tcttgattt	60	
gaccg	65	
<210> 105		
<211> 21		
<212> DNA		
<213> Artificial		
<220>		
<223> Sense siRNA strand against IHHNV orf1 gene		
<400> 105		
ggacaauaua aagacaaact t	21	
<210> 106		
<211> 21		
<212> DNA		
<213> Artificial		
<220>		
<223> Antisense siRNA strand against IHHNV orf1 gene		
<400> 106		
guuugucuuu auauugucct c	21	
<210> 107		
<211> 65		
<212> DNA		
<213> Artificial		
<220>		
<223> Top strand oligonucleotide template for siRNA		
<400> 107		
gatccggaca atataaagac aaacttcaag agagttgtc tttatattgt ccttttttt	60	
ggaaa	65	
<210> 108		
<211> 65		
<212> DNA		
<213> Artificial		
<220>		
<223> Bottom strand oligonucleotide template for siRNA		
<400> 108		
agctttcca aaaaagagga caatataaag acaaactctc ttgaagtttgc tctttatatt	60	
gtccg	65	

```

<210> 109
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Sense siRNA strand against IHHNV orf2 gene

<400> 109
ggaucuaagug gaccagacct t 21

<210> 110
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Antisense siRNA strand against IHHNV orf2 gene

<400> 110
ggucuggucc acuugaucct t 21

<210> 111
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Top strand oligonucleotide template for siRNA

<400> 111
gatccggatc aagtggacca gaccttcaag agaggtctgg tccacttgat cctttttgg 60
aaa 63

<210> 112
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Bottom strand oligonucleotide template for siRNA

<400> 112
agctttcca aaaaaggatc aagtggacca gacctcttta gaaggtctgg tccacttgat 60
ccg 63

<210> 113
<211> 21
<212> DNA

```

<213> Artificial		
<220>		
<223> Sense siRNA strand against IHHNV orf2 gene		
<400> 113		
ggaggcacau cauuugagat t		21
<210> 114		
<211> 21		
<212> DNA		
<213> Artificial		
<220>		
<223> Antisense siRNA strand against IHHNV orf2 gene		
<400> 114		
ucucaaauga ugugccucct g		21
<210> 115		
<211> 65		
<212> DNA		
<213> Artificial		
<220>		
<223> Top strand oligonucleotide template for siRNA		
<400> 115		
gatccggagg cacatcattt gagattcaag agatctaaa tgatgtgcct cctgttttt		60
ggaaa		65
<210> 116		
<211> 65		
<212> DNA		
<213> Artificial		
<220>		
<223> Bottom strand oligonucleotide template for siRNA		
<400> 116		
agctttcca aaaaacagga ggcacatcat ttgagatctc ttgaatctca aatgatgtgc		60
ctccg		65
<210> 117		
<211> 21		
<212> DNA		
<213> Artificial		
<220>		
<223> Sense siRNA strand against IHHNV orf2 gene		

<400> 117		
ggauacuacu ggacuacaut t		21
<210> 118		
<211> 21		
<212> DNA		
<213> Artificial		
<220>		
<223> Antisense siRNA strand against IHHNV orf2 gene		
<400> 118		
auguagucca guaguaucct t		21
<210> 119		
<211> 63		
<212> DNA		
<213> Artificial		
<220>		
<223> Top strand oligonucleotide template for siRNA		
<400> 119		
gatccggata ctactggact acatttcaag agaatgttagt ccagtagtat cctttttgg		60
aaa		63
<210> 120		
<211> 63		
<212> DNA		
<213> Artificial		
<220>		
<223> Bottom strand oligonucleotide template for siRNA		
<400> 120		
agcttttcca aaaaaggata ctactggact acattctctt gaaatgttagt ccagtagtat		60
ccg		63